

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/005756

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C67/307 C07C69/75 C07C51/363 C07C61/15 C07C251/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>TORDEUX M ET AL: "Chlorination of oximes in hydrogen fluoride: formation of gem-dihalogenoalkanes"</p> <p>JOURNAL OF FLUORINE CHEMISTRY, ELSEVIER SEQUOIA. LAUSANNE, CH,</p> <p>vol. 70, no. 2,</p> <p>1 February 1995 (1995-02-01), pages 207-214, XP004020758</p> <p>ISSN: 0022-1139</p> <p>cited in the application scheme 3</p> <p>page 208, right-hand column - page 210, paragraph 1; tables 1,3</p> <p>page 212, left-hand column, last paragraph</p> <p>page 212, right-hand column, last paragraph - page 213</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">-/--</p>	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

21 October 2004

Date of mailing of the international search report

18/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	S. ROZEN ET AL.: "Conversion of the carbonyl to CF ₂ using IF" JOURNAL OF ORGANIC CHEMISTRY, vol. 56, 1991, pages 4695-4700, XP002301843 page 4698, right-hand column, last paragraph - page 4699, left-hand column, paragraph 1; table I -----	1-6
X	C.G.OVERBERGER ET AL.: "Asymmetric polymers" JOURNAL OF POLYMER SCIENCE PARTA-1, vol. 10, 1972, pages 2265-2289, XP002301844 compound XI, page 2268 and preparation thereof on pages 2279-2280 -----	9
X	EP 0 905 109 A (AIR PROD & CHEM) 31 March 1999 (1999-03-31) examples 11,12 -----	7
X	WO 01/90106 A (PRICE DAVID ANTHONY ; PFIZER LTD (GB); WOOD ANTHONY (GB); PERROS MANOU) 29 November 2001 (2001-11-29) claims 1,3,4,9-14,37; examples 4,5 -----	7,8,10
X	DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002301845 Database accession no. 1963:469044 abstract -----	9
X	& W. SCHNEIDER ET AL.: "Nitrogen-containing bicyclics" BERICHTE, vol. 96, no. 9, 1963, pages 2377-2386, -----	9
X	DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002301846 Database accession no. 1960:49887 abstract -----	9
X	& K. KAHR ET AL.: "Catalytic oxidation of primary amines to oximes with hydrogen peroxide" CHEMISCHE BERICHTE, vol. 93, 1960, pages 132-136, -----	9
X	US 6 262 075 B1 (MARCHINGTON ALLAN PATRICK ET AL) 17 July 2001 (2001-07-17) column 33, line 47 - line 51 preparations 9(a) and 12 column 35, line 41 - line 48; claims 8,15,16 -----	7,8,10
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200338 Derwent Publications Ltd., London, GB; Class B05, AN 2003-397449 XP002301847 & JP 2003 012604 A (DAIKIN KOGYO KK) 15 January 2003 (2003-01-15) formula (2) on page 2; n = 1-10 (Derwent abstract) abstract	7
X	US 4 792 618 A (BIERON JOSEPH F ET AL) 20 December 1988 (1988-12-20) compound (3), table 1claim 6	7

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Information on patent family members

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